

**To:** Warner, Sue[Warner.Sue@epa.gov]  
**From:** Caporale, Cynthia  
**Sent:** Tue 2/25/2014 12:56:57 PM  
**Subject:** FW: Charleston DW GC/MS Data Request  
WVA MCHM Combined Results.docx

Did you happen to contact Ex. 4 - CBI on Friday? Do we need to discuss before responding or arrange a call?

**From:** Ex. 4 - CBI  
**Sent:** Friday, February 21, 2014 3:12 PM  
**To:** Caporale, Cynthia  
**Cc:** Warner, Sue; Arguto, William  
**Subject:** RE: Charleston DW GC/MS Data Request

Actually now that I have had a chance to look at everything again, I do have a couple of questions. I am having some trouble identifying which samples fit with your request. I received a COC with limited information with each set of samples. I have attached a memo report containing all results. Would you please identify the samples for which you would like us to provide data?

Also, just to clarify, we did acquire data in full scan mode however we did not process it for all peaks within the chromatogram. We only looked for cis and trans MCHC using retention time and spectral matching to the reference material provided for use as a standard. We did not use an EPA type protocol. We were provided a Dupont method through the CST unit.

**Ex. 4 - CBI**

Battelle

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Columbus, Ohio 43201

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**From:** Caporale, Cynthia [<mailto:Caporale.Cynthia@epa.gov>]

**Sent:** Friday, February 21, 2014 7:57 AM

**To:** Ex. 4 - CBI

**Cc:** Warner, Sue; Arguto, William

**Subject:** RE: Charleston DW GC/MS Data Request

Hi Ex. 4 - CBI

Thank you for your response. We look forward to the information you can share concerning the DW samples. If you have any specific questions please don't hesitate to call me or Sue Warner (410)305-2658.

Thanks!

Cindy

Cynthia Caporale, Chief  
OASQA Laboratory Branch  
U.S. EPA Region III  
Environmental Science Center  
Fort Meade, MD  
(410) 305-2732  
Fax: (410) 305-3095

**From:** **Ex. 4 - CBI**  
**Sent:** Monday, February 17, 2014 1:04 PM  
**To:** Caporale, Cynthia  
**Subject:** RE: Charleston DW GC/MS Data Request

We did run samples. I will get you a data package this week.

Thanks,

# Ex. 4 - CBI

**Battelle**

505 King Ave

Columbus, Ohio 43201

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**From:** Caporale, Cynthia [<mailto:Caporale.Cynthia@epa.gov>]

**Sent:** Friday, February 14, 2014 2:47 PM

**To:** Ex. 4 - CBI

**Cc:** Warner, Sue

**Subject:** Charleston DW GC/MS Data Request

Ms. Ex. 4 - CBI

I am the USEPA R3 Lab Manager and I am working with our Drinking Water Program managers to review existing GC/MS data that may have been acquired by laboratories during the initial days of the Charleston Drinking Water Incident.

Did your laboratory run the drinking water samples using GC/MS in full-scan for any of the drinking water samples (pre- and post-treatment)? If so, we would be interested in the raw data from some of the sample analysis. Below is the specific information we are seeking.

VOC and SVOC GC/MS raw data files, including a TIC report processed against the NIST or similar library, which includes the chromatogram and spectra for the 20 largest TICs, for the following samples that were been analyzed using a full scan rather than targeted MCHM scan:

- Approximately 4 of the highest quantitative results for MCHM at locations in the distribution system
- Plant finished water sample showing high quantitative result for MCHM

Please clarify the instrument type, method used (Drinking water versus SW-846 type protocol), and preservative/quench agent.

Please feel free to contact me for more information or if you have any questions.

Thanks,  
Cindy

Cynthia Caporale, Chief  
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